Current Status #1

• Telemetry ingest
  – Successful test during Sim #2

• Archiving
  – Web sites are up and running
  – Mirroring MOC archive using rsync
    • Would like to also use rsync to pull instrument data
  – New servers and RAIDs have arrived, and are in the process of being installed
Current Status #2

• Space Weather Beacon
  – Test plan with NOAA antenna partners
    • Network throughput test partially complete
  – Delivery of instrument software imminent

• Browsers
  – Planning several browsers, one for images, one for in-situ, and one events page for each spacecraft
  – Started looking at converting SolarSoft “Latest Events” to STEREO usage
SolarSoft Library

• Have started a “STEREO-generic” tree within the SolarSoft library
  – The main component right now is software to handle the SPICE orbit and attitude files
    • Orbit and attitude files distributed as part of SolarSoft
• Branches for each of the STEREO instruments
  – SECCHI and SSC branches are populated
STEREO and VSO

- Defined the instrument schemas.
- VSO currently has the following interfaces:
  - Web based
  - Command line (unix shell)
  - IDL (in development, will be put in SolarSoft)
  - An API for new interfaces
- Portions of VSO are also searchable through EGSO and VSPO. In-situ data will also be served from VHO.
- Currently serving some event lists.
  - Design work going on to make sure that VSO has a good framework for event lists, using VOTable.
Software & Data Handling Telecons

• Have started a series of monthly teleconference meetings to discuss software and data handling issues.

• So far have held eight telecons:
  – 21-Jan-2005: Mission Simulations
  – 14-Feb-2005: Coordinates
  – 18-Mar-2005: Beacon processing
  – 20-Apr-2005: Catalogs
  – 9-Jun-2005: Beacon processing
  – Aug-2005: Data browsers (virtual)
  – 10-Oct-2005: Beacon processing
  – 3-Nov-2005: SolarSoft library

• All the minutes are on the “Intranet” site
Important STEREO Science Concepts

• Describes basic concepts, such as “What is the corona?”

• Has links to other sites for more information.

• Covered topics:
  - Corona
  - Solar Wind
  - Coronal Mass Ejections
  - Solar Flares
  - Interplanetary Magnetic Field
  - Solar Energetic Particles
  - Space Weather
Posters

• The new STEREO poster has been released

• The STEREO/EPO poster is awaiting approval.

• Our website now has an eclipse section, to build on “Sun-Earth Day 2006: Eclipses in a Different Light”
  
  • Eclipse poster available in multiple languages: English, Spanish, French, Arabic.

• Other languages?